12
--13. (New) The method of claim 11, wherein the providing step comprises providing the human prostate cancer cells subcutaneously in the mouse.--

B1 13
--14. (New) The method of claim 11, wherein the injecting step comprises providing the human prostate cancer cells within the prostate of the mouse.--

14
--15. (New) The method of claim 11, wherein the providing step comprises providing the human prostate cancer cells into a bone marrow cavity of the mouse.--

Remarks

Claim 1 was pending. Applicants have cancelled claim 1 herein without prejudice and added new claims 2-15. Accordingly, claims 2-15 are being examined.

The new claims are supported by the originally filed application and do not involve new matter. Accordingly, entry of new claims 2-15 is respectfully requested.

If a telephone interview would be of assistance in advancing prosecution of the subject application, Applicants' undersigned attorneys invite the Examiner to telephone them at the number provided below.

No fee is deemed necessary in connection with the filing of this Preliminary Amendment. If, however, a fee is deemed necessary, Applicants hereby authorize the Patent Office to charge the amount of any such fee to Deposit Account No. 50-0306.

Respectfully submitted,

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EXHIBIT 1

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the claims:

Please cancel claim 1, without prejudice. Please add new claims 2-15 as follows:

--2. (New) A method for simulating progression of human prostate cancer from primary tumor formation to micrometastasis or macrometastasis in an animal model, comprising:

b. providing an immune deficient mouse comprising a human prostate cancer xenograft of locally advanced or metastatic prostate cancer tissue, or a cell suspension thereof implanted in the mouse;

b. allowing the xenograft to grow for a time sufficient to permit the detection of prostate cancer cells within the implant site in the mouse; and,

c. allowing the xenograft to grow for an additional time sufficient to permit the detection of prostate cancer cells external to the implant site in the mouse, thereby simulating the progression of human prostate cancer from primary tumor formation to micrometastasis or macrometastasis in the animal model.--

--3. (New) The method of claim 2, further comprising a step:

d. detecting prostate cancer cells external to the implant site.--

--4. (New) The method of claim 3, wherein the detecting step is effected on peripheral blood of the mouse.--

suspension thereof in a bone marrow cavity of the mouse, subcutaneously; or within the prostate of the mouse; and,

b. allowing the human cancer cells to form an osteoblastic bone lesion, thereby simulating progression of osteoblastic bone metastasis of human prostate cancer in the mouse.--

--12. (New) The method of claim 11, wherein the providing step provides human prostate cancer cells from a prostate cancer xenograft, wherein the xenograft is from another immune deficient mouse in which was implanted locally advanced or metastatic human prostate cancer tissue or a cell suspension thereof.--

--13. (New) The method of claim 11, wherein the providing step comprises providing the human prostate cancer cells subcutaneously in the mouse.--

--14. (New) The method of claim 11, wherein the injecting step comprises providing the human prostate cancer cells within the prostate of the mouse.--

--15. (New) The method of claim 11, wherein the providing step comprises providing the human prostate cancer cells into a bone marrow cavity of the mouse.--

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No.	Doccode	Number of pages
1	IDS	4
2	1449	1

Total number of pages: 5

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